SIEMENS

syngo MammoReport

SP

Installation Instructions

Installation of Extra Hard Drives

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Introduction

These instructions describe how to install one extra 147 GB hard drive (for R610) or 300 GB hard drive (for R630) on the *syngo* MammoReport workstation based on a Celsius computer.

Components Included

The following parts are included in the *syngo* MammoReport Expansion kit 8380268:

Quantity	Part no.	Name
1	8380268	R610: 147 GB Hard disc drive. 10k U320W-SCSI.
6		Jumpers for setting SCSI ID on Hard drives
1		Product label
1		Installation Instructions (this document)

The following parts are included in the *syngo* MammoReport Expansion kit 10140336:

Quantity	Part no.	Name
1	10140336	R630: 300 GB Hard disc drive. 10k U320W-SCSI.
6		Jumpers for setting SCSI ID on Hard drives
1		Product label
1		Installation Instructions (this document)

Documents Required

Installation and Start-up Instructions (SPB7-250.814.30...)

Tools Required

Standard tool kit.

Time Required

Approximately two hours for one person.

Protective Measures

⚠WARNING

Risk of high voltage!

Disconnect the power supply cable of the computer before removing the computer access panel.

⚠CAUTION

The computer contains electrostatic highly sensitive components requiring particular care in their handling.

Risk of damaging components.

Make sure to follow the ESD guidelines.

Disconnecting the Power Supply Cable

1. Shut down the operating system properly and turn off the computer and any external devices.
2. Disconnect the power supply cable of the computer.

Removing the Computer Access Panel

1. Remove the computer access panel, refer to Fig. 1.

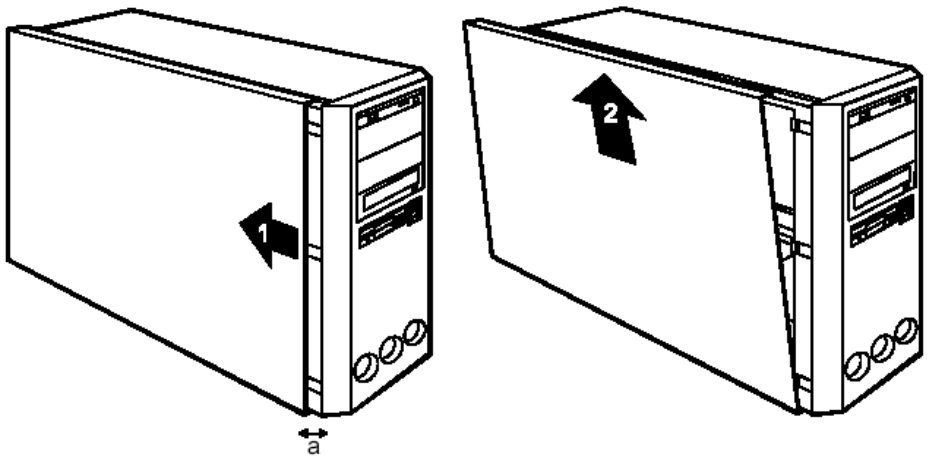

Fig. 1 Removing the Access

⚠CAUTION

The computer contains electrostatic highly sensitive components requiring particular care in their handling.

Risk of damaging components.

Make sure to follow the ESD guidelines.

2. Slide the side cover approximately 2 cm (a) in the direction of the arrow (1), until the stop.
3. Unhook the upper edge of the side cover from the casing.
4. Pull the side cover in the direction of the arrow of the casing.

SCSI ID Settings (for R610)

1. Set SCSI ID for the hard drive on contact J5. The hard drive should have SCSI ID 3. Refer to the figure below.

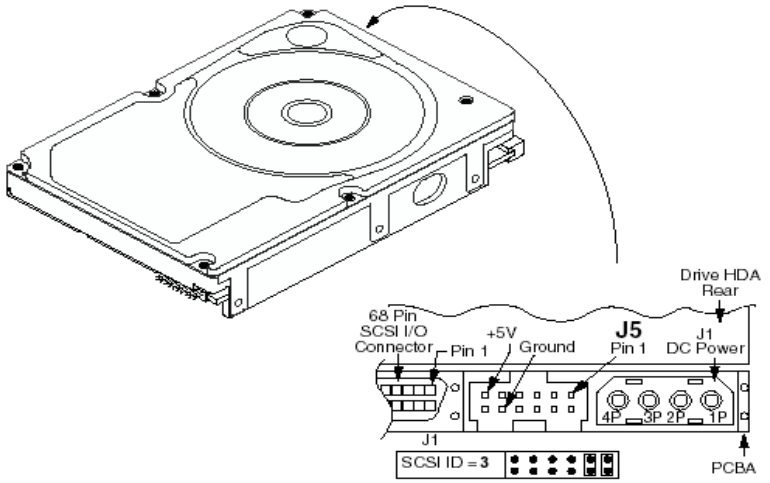

Fig. 2 Jumper Settings for SCSI ID

SCSI ID Settings (for R630)

1. Set SCSI ID for the hard drive on contact J5. The hard drive should have SCSI ID 2. Refer to the figure below.

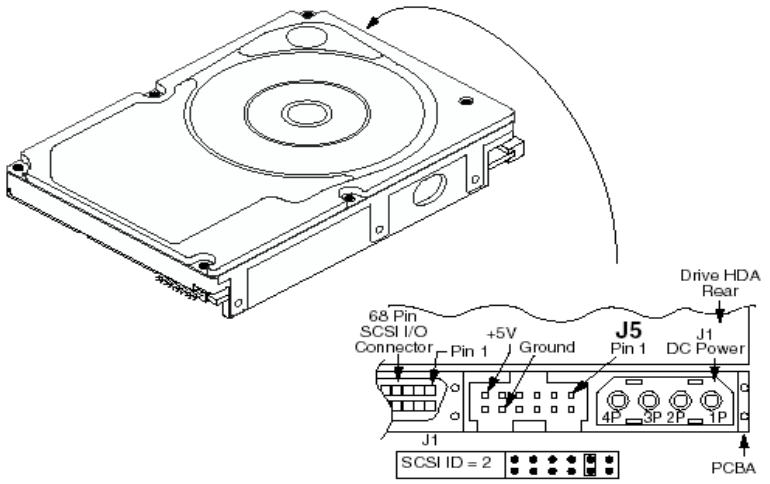

Fig. 3 Jumper Settings for SCSI ID

Installing the Hard Disk Drive

1. Open the casing (see "Removing the Computer Access Panel").
2. Carry out the required settings at the hard disk.
3. Secure the EasyChange rails on the side of the hard disk by inserting the upper pins of the EasyChange rail in the corresponding holes of the hard disk. Refer to Fig. 4

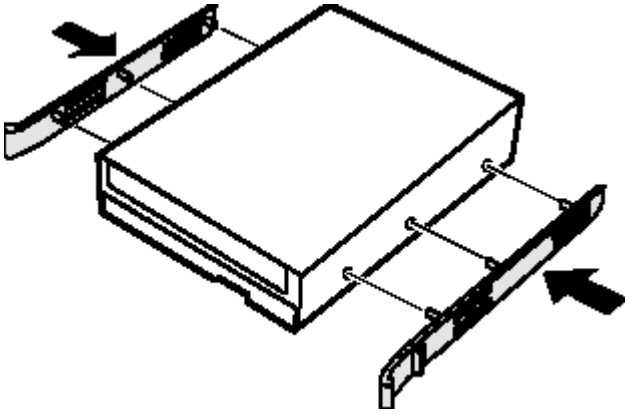

Fig. 4 Securing the EasyChange Rails

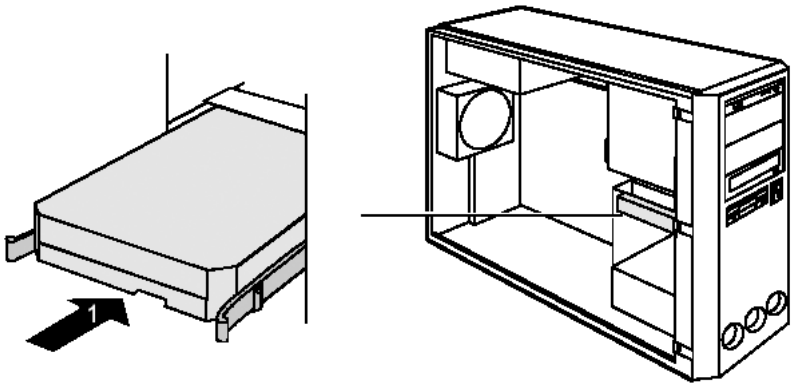

Fig. 5 Installing the Hard Disk Drive

4. Push the hard disk drive into the casing (1) right below the installed hard disks until the EasyChange rails engage.
5. Connect the data and power supply cables to the hard disk drive or to the hard disk drives.

NOTICE **Connect the blue plug of the data cable to the connection on the mainboard. Connect the plug on the other end to the hard disk drive.**

NOTICE **It may be necessary to modify the entry for the drive in the BIOS Setup.**

Closing the Casing

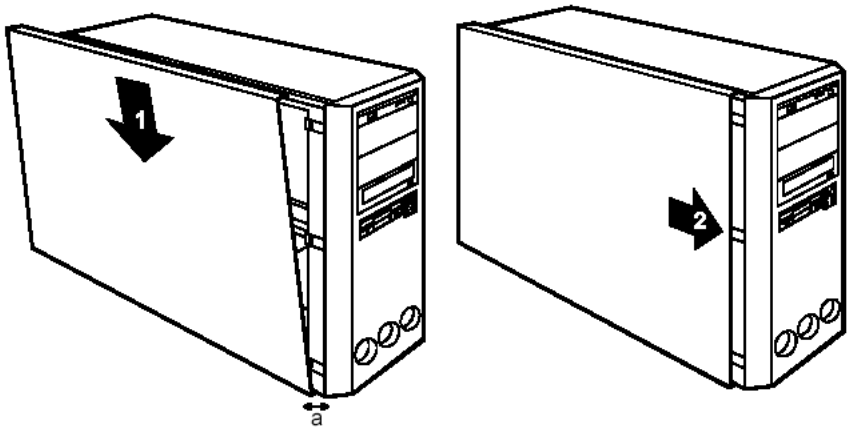

Fig. 6 Closing the Casing

1. Hook the side cover into the lower guide trail in the casing (1). Make sure that the side cover is offset by approximately 2 cm (a).
2. Engage the top edge of the side cover on the casing.
3. Push the side cover as far as it will go in the direction of the arrow (2).
4. Connect the power supply cable of the computer.Turn on the computer and start up the operating system.

Attaching the Product Label

1. Attach product label 8380268 (for R610) or 10140336 (for R630) on top of the workstation beside the product label of the workstation.

Formatting and Assigning An Additional Hard Disk

The 3rd 147 GB data disk will be a separate partition F:\.

NOTE	**Do not stripe this partition with the two existing disks.**

Moving the Striped Volume from F:\ to G:\

1. Login as OS administrator.
2. Open My Computer ⇒ Manage ⇒ **Disk Management** with a right mouse click.
3. Right mouse click on **volume (F:)** ⇒ Change Drive Letter and Paths ⇒ Change ⇒ **Assign … and select G:** from list.
4. **Change the drive name** via a right mouse click ⇒ **Properties** from MED_DATA **to SCR_DATA**.

Formatting a New Disk

1. **Format the new disk** as **basic / simple / primary partition** (NOT STRIPED or SPANNED).
2. **Assign** drive letter **F:\,** name **MED_DATA** and perform a **quick format**.
3. Exit the computer management and open the Windows Explorer.
4. **Move** syngo **image directory** from G:\image **to F:\image**.
5. Check that the **sharing symbol** is displayed in Explorer.

Fig. 1 Symbol for Sharing

6. Edit **C:\MBCSCR\lightbox.ini** with Notepad and change all **paths** from F:\SCRData to **G:\SCRData**.

```
# LightBox Configuration

#
# Directories
#
Annotations:            +Annotations
CAD:                    +Cad
Database:               +Database
DICOM:                  G:\SCRDATA\dicom
DICOM_SR:               G:\SCRDATA\dicom_SR
DICOMImport:            G:\SCRDATA\DICOMIMPORT
Envelopes:              +Envelopes
Exports:                G:\SCRDATA\Exports
Help:                   +Help
Images:                 G:\SCRDATA\Images
Incoming:               +Incoming
Lut:                    +Lut
Internals:              +Internals
Log:                    C:\syngo\Log\MBCLog
Miniaturen:             G:\SCRDATA\Miniaturen
PrintSpool:             G:\SCRDATA\PrintSpool
Reports:                +Reports
UserPrefs:              +UserPrefs
SyngoBackupPath:        +syngoBackup
```

Fig. 2 Changed Lightbox.ini file

7. **Save** the changes and **exit** the editor.

Checking Sharing and Access Rights

Checking sharing for syngo image directory:

1. Select directory **F:\image** in Windows Explorer.
2. Open the **context menu** with a right mouse click and select **Sharing and Security...**
3. Check that sharing is set and the sharing name is **IMAGES**.

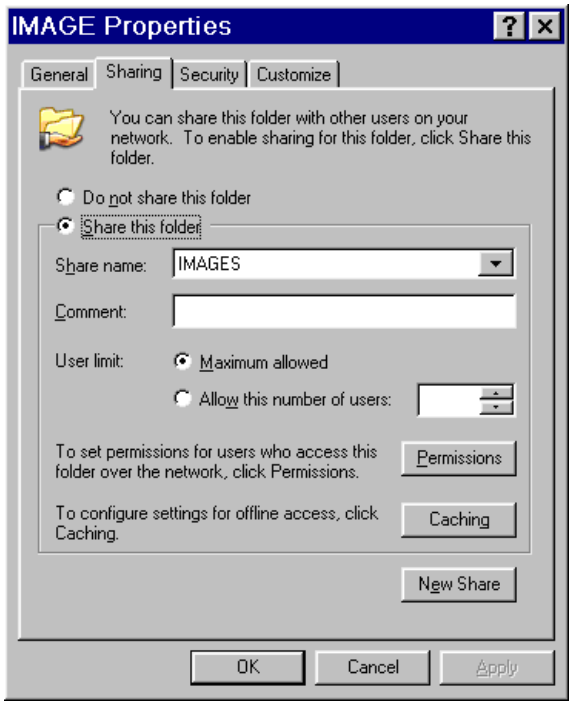

Fig. 3 Share this Folder: IMAGES

4. Select the **Permissions** button and check that all permissions are checked.

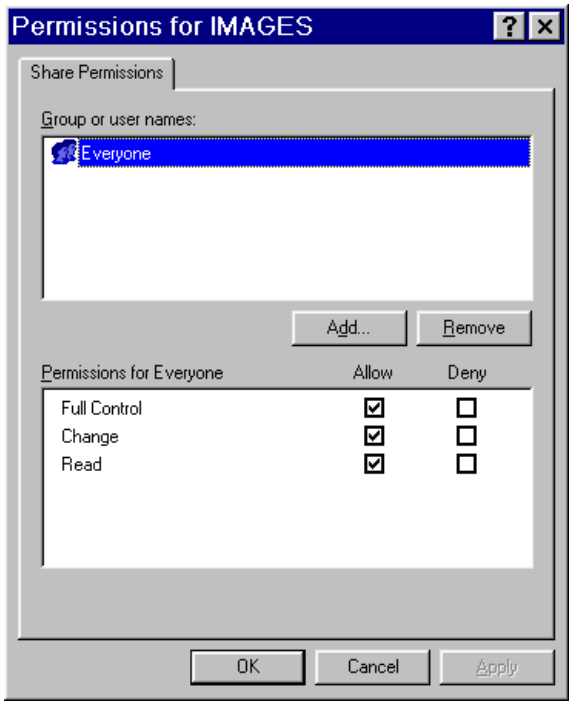

Fig. 4 Permissions for IMAGES

Checking access rights for syngo images:

1. Change to the **Security** tab and check that access rights are as shown in next figure.

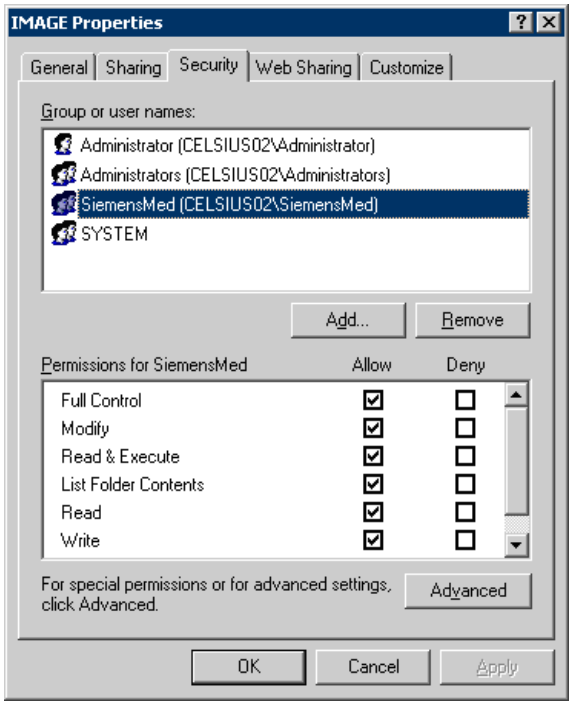

Fig. 5 Access Rights to Folder IMAGE

2. If that is **not** the case, there are two possibilities:
   a) If Installation DVD VB10G is available, insert this DVD into drive D:\ and run D:\batch\all\SetAccessRightsForIMAGE_F.bat or
   b) Otherwise **open a dos box** with Start ⇒ Run ⇒ enter **cmd,** press **enter** and issue the following commands:

- "`cacls F:\IMAGE /T /P SiemensMed:F SYSTEM:F Administrators:F Administrator:F`". Answer the displayed question **Are you sure (Y/N)** with **Y**.
- "`cacls F:\IMAGE /T /G SiemensMed:F SYSTEM:F Administrators:F Administrator:F`". Answer the displayed question **Are you sure (Y/N)** with **Y**.

3. **Repeat point 1.** - it should be ok now.
4. **Leave** the dialog by pressing the **OK** button.

Setting access rights for SCR image directory:

1. a) If Installation DVD VB10G is available, insert this DVD into drive D:\ and run D:\batch\option\SetAccessRightsForSCRData_G.bat or
   b) Otherwise open dos box with Start ⇒ Run ⇒ enter **cmd** and press **enter**.
2. Issue command: "`cacls G:\SCRData /T /P Users:F SYSTEM:F Administrators:F Administrator:F SiemensMed:F`".
3. Answer the question **Are you sure? (Y/N)** with **Y**.
4. Issue command: "`cacls G:\SCRData /T /G Users:F SYSTEM:F Administrators:F Administrator:F SiemensMed:`".
5. Answer the question **Are you sure? (Y/N)** with **Y**.
6. In Windows Explorer, select directory **G:\SCRData**.
7. Press the right mouse button and select **Sharing and Security...**
8. Change to the **Security** tab.
9. Check that access rights are as shown in the next figure.

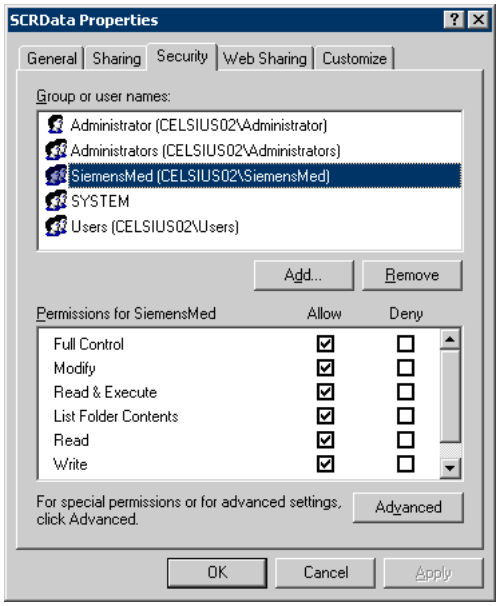

Fig. 6 Access Rights to Folder SCRData

10. Exit the Properties dialog.

Formatting and Assigning An Additional Hard Disk

The 2nd 300 GB data disk will be a separate partition G:\.

Formatting A New Disk

1. Format the new disk as dynamic / simple / primary partition.
2. Assign drive letter G:\, name SCR_DATA.
3. Exit the computer management and open Windows Explorer.
4. Edit C:\MBCSCR\lightbox.ini with Notepad and change all paths from **F:\SCRData** to **G:\SCRData EXCEPT** for DICOM

```
# LightBox Configuration


#
# Directories
#
Annotations:            +Annotations
CAD:                    +Cad
Database:               +Database
DICOM:                  F:\SCRDATA\dicom
DICOM_SR:               G:\SCRDATA\dicom_SR
DICOMImport:            G:\SCRDATA\DICOMIMPORT
Envelopes:              +Envelopes
Exports:                G:\SCRDATA\Exports
Help:                   +Help
Images:                 G:\SCRDATA\Images
Incoming:               +Incoming
Lut:                    +Lut
Internals:              +Internals
Log:                    C:\syngo\Log\MBCLog
Miniaturen:             G:\SCRDATA\Miniaturen
PrintSpool:             G:\SCRDATA\PrintSpool
```

Fig. 1 Changed Lightbox.ini file

5. Save the changes and exit the editor.

Moving SCR Data

1. Create a Directory "SCRData" on drive G:\.
2. Open Windows Explorer and change to drive F:\SCRData\.
3. Select all subdirectories, except DICOM.

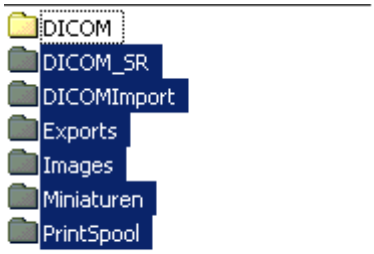

Fig. 2 Moving F:\SCRData

4. Move the subdirectories to G:\SCRData\ using Ctrl-X on F:\SCRData and Ctrl-V on G:\SCRData.

Checking Sharing and Access Rights

Checking sharing for syngo image directory:

1. Select directory **F:\image** in Windows Explorer..
2. Open the **context menu** with a right mouse click and select **Sharing and Security...**
3. Check that sharing is set and that the sharing name is **IMAGES**.

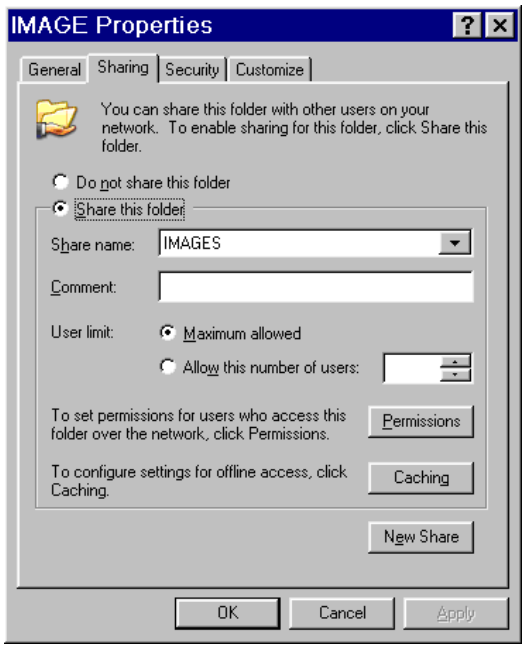

Fig. 3 Share this Folder: IMAGES

4. Select button **Permissions** and check that all permissions are checked.

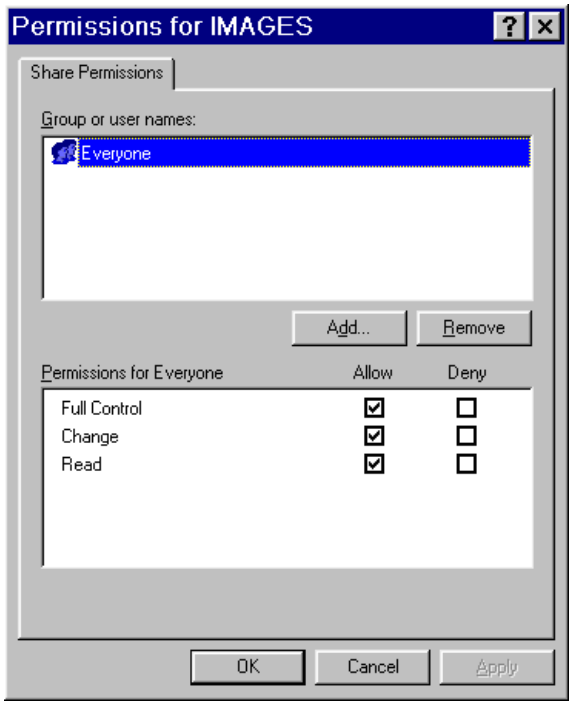

Fig. 4 Permissions for IMAGES

Checking access rights for syngo images:

1. Change to tab **Security** and check that access rights are as shown in the next figure.

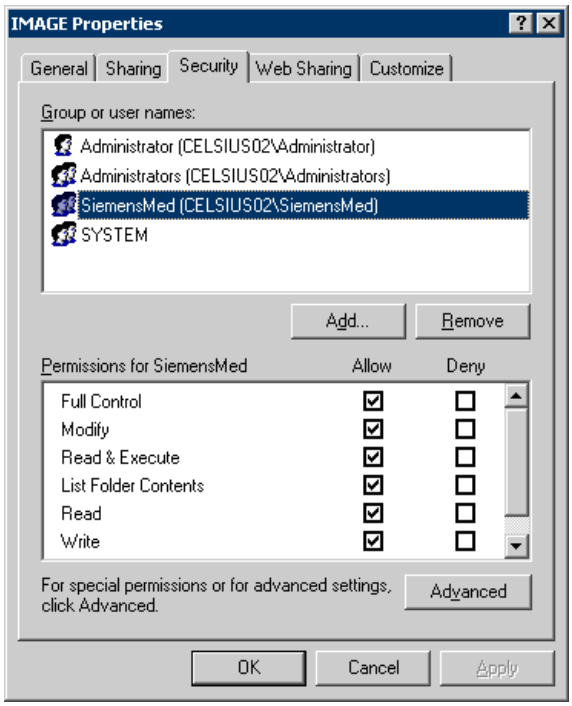

Fig. 5 Access Rights to Folder IMAGE

2. If that is **not** the case, there are two possibilities:
   a) If Installation DVD VB11C is available, insert this DVD into drive D:\ and run D:\batch\all\SetAccessRightsForIMAGE_F.bat or
   b) Otherwise **open a dos box** with Start ⇒ Run ⇒ enter **cmd,** press **enter** and issue the following commands:

- "`cacls F:\IMAGE /T /P SiemensMed:F SYSTEM:F Administrators:F Administrator:F`". Answer the displayed question **Are you sure (Y/N)** with **Y**.
- "`cacls F:\IMAGE /T /G SiemensMed:F SYSTEM:F Administrators:F Administrator:F`". Answer the displayed question **Are you sure (Y/N)** with **Y**.

3. **Repeat point 1.** - it should now be ok.
4. **Leave** the dialog by pressing the **OK** button.

Setting access rights for SCR image directory:

1. Insert installation DVD VB11C and run the following batches:
   D:\batch\basic\SetAccessRightsForSCRData_F.bat and
   D:\batch\option\SetAccessRightsForSCRData_G.bat
2. In Windows Explorer, select directory **G:\SCRData**.
3. Press the right mouse button and select **Sharing and Security...**
4. Change to tab **Security**.

5. Check that access rights are as shown in next figure.

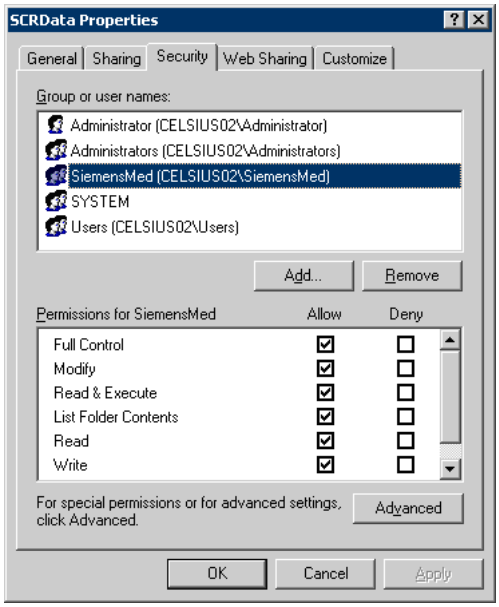

Fig. 6 Access Rights to Folder SCRData

6. Exit the Properties dialog.
7. Repeat this check for **F:\SCRData** .

(Optional)

If the customer has a safety package, the virus scanner is installed. You have to change the exclusion list of its configuration.

Configuring the Safety Options and Settings

1. Click on the **virus scanner icon** on the **task bar** to open the **Office Scan Client** .

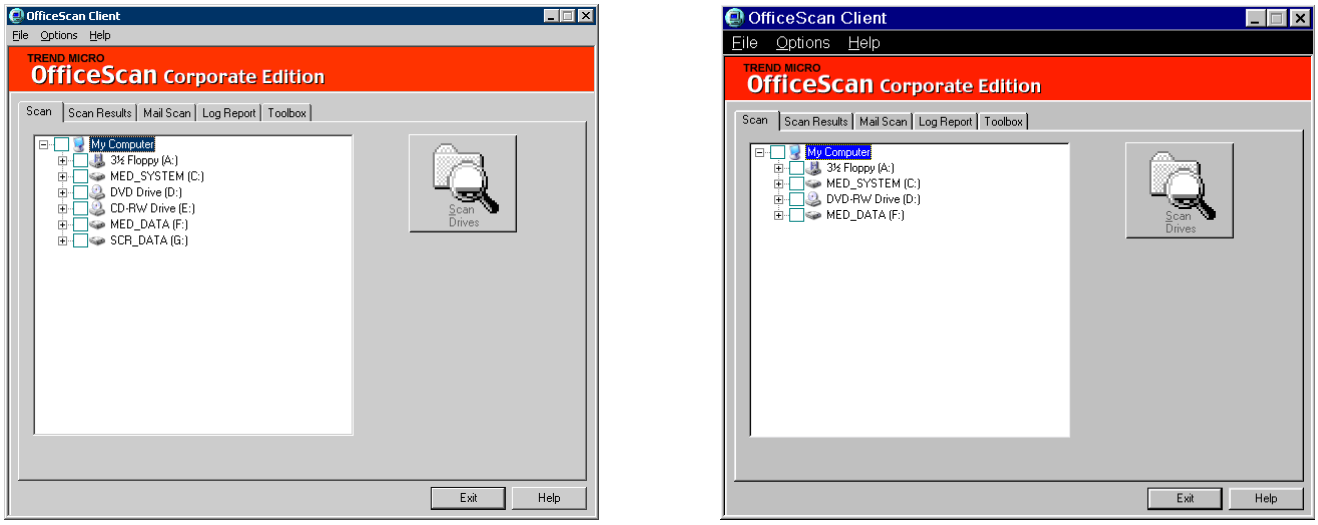

Fig. 1 Office Scan Client: for R610 (left) and for R630 (right)

2. Check that the hard disk named SCR_DATA (G:) is shown.
3. Open menu ⇒ **Options** ⇒ **Exclusion List**.

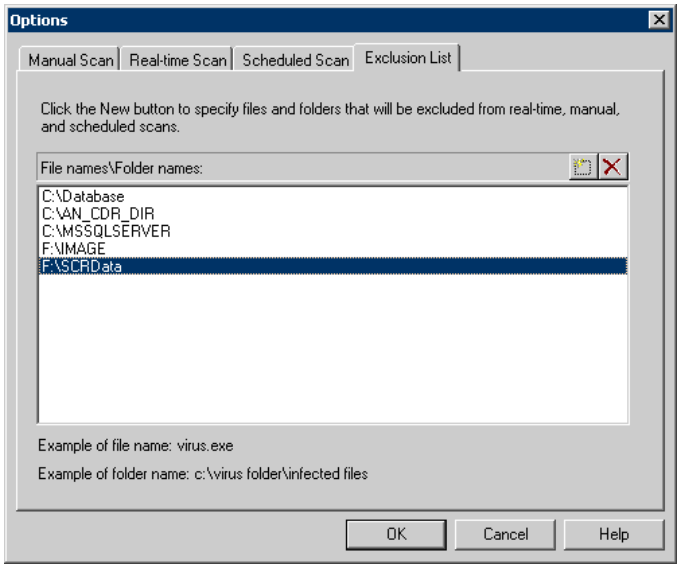
Options
Manual Scan Real-time Scan Scheduled Scan Exclusion List
Click the New button to specify files and folders that will be excluded from real-time, manual, and scheduled scans.
File names\Folder names:
C:\Database
C:\AN_CDR_DIR
C:\MSSQLSERVER
F:\IMAGE
F:\SCRData
Example of file name: virus.exe
Example of folder name: c:\virus folder\infected files
OK Cancel Help

Fig. 2 Tab: Exclusion List

4. **For R610 only:**
   Select the line **F:\SCRData** and **delete it** with the buton (red cross on the right side).

5. Click the button **Add** beside the delete button and enter **G:\SCRData**.

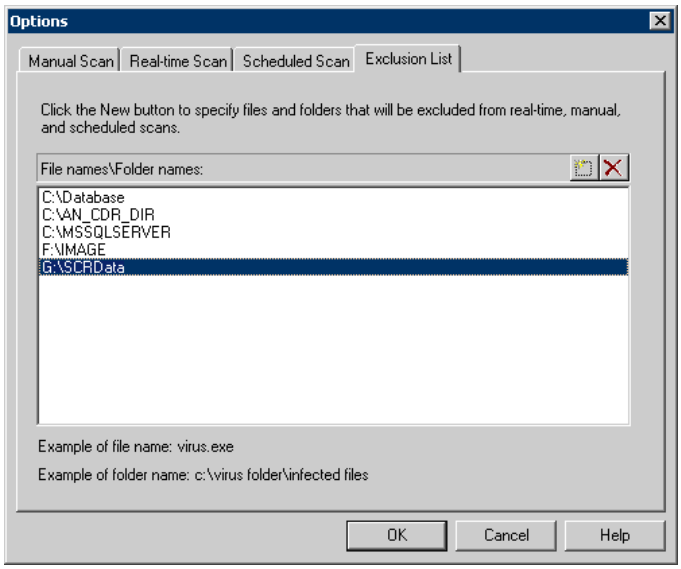

Fig. 3 Final Folders Exclusion List

6. Press the return key.
7. Click on **OK** to save the settings and **exit** Virus Scan Client.
8. **Restart** the system.

Chapter	Page	Change
		Initial version

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